

Title (en)

Catalysts for the preparation of elastomeric, olefin copolymers, and copolymers obtained using them.

Title (de)

Katalysatoren für die Herstellung elastomerer Olefincopolymere und damit hergestellte Copolymere.

Title (fr)

Catalyseurs pour la préparation de copolymères élastomériques d'oléfines et copolymères obtenus en les utilisant.

Publication

EP 0262987 A2 19880406 (EN)

Application

EP 87308778 A 19871002

Priority

IT 2187286 A 19861002

Abstract (en)

Catalyst components for use with aluminium alkyl co-catalysts in the polymerization of ethylene/ alpha -olefin or ethylene/ alpha -olefin/diene copolymers comprise:- (A) a magnesium compound containing at least one Mg-halogen bond; (B)a halogenated compound of Ti or V, wherein the Ti or V is at least partially trivalent, and containing metal-oxygen Ti-OR or V-OR bonds (wherein R is a C1-C20 alkyl, aryl or cycloalkyl group); and (B) an electron-donor compound containing one or more oxygen, silicon and/or phosphorus atoms and which is an ether or an organic or inorganic ester; the atomic ratio of magnesium to titanium (or vanadium) being from 0.2:1 to 50:1; the atomic ratio of halogen to titanium (or vanadium) being at least 2:1; the atomic ratio of halogen to magnesium being at least 2:1; and the ratio of groups -OR' to titanium (or vanadium) atoms being not more than 1.5:1.

IPC 1-7

C08F 4/64; **C08F 4/68**; **C08F 210/16**

IPC 8 full level

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CPC (source: EP US)

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C-Set (source: EP US)

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2. **C08F 210/16** + **C08F 4/6374**
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